

Day : Friday  
Date: 12/21/2007

 **PALM INTRANET**

Time: 10:59:57

**Inventor Name Search Result**

Your Search was:

Last Name = NAGASHIMA

First Name = ZENYA

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10765752</u>	Not Issued	71	01/27/2004	Optical communication module and connector	NAGASHIMA, ZENYA
<u>10823694</u>	<u>7160032</u>	150	04/14/2004	ELECTRO-OPTICAL COMPOSITE CONNECTOR, ELECTRO-OPTICAL COMPOSITE CABLE, AND NETWORK DEVICES USING THE SAME	NAGASHIMA, ZENYA

**Inventor Search Completed: No Records to Display.**

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="NAGASHIMA"/>	<input type="text" value="ZENYA"/>	<input type="button" value="Search"/>

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	342930	(optic\$2 near1 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:05
S2	2355988	((emitt\$3 source) near1 (optic\$2 light)) laser lasing LED\$1 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 10:25
S3	453372	photodetector ((light optic\$2 photo) near1 (detect\$3 receiv\$3 recept\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:20
S4	34	((part portion section) near1 (inclin\$3 tilt\$3 angled)) near3 (end face) with S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 10:37
S5	7	S4 same reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 10:29
S6	11	((part portion section) near1 (inclin\$3 tilt\$3 angled)) near3 (end face) same S1 and (S2 same S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 10:38
S7	17	((part portion section) near1 (inclin\$3 tilt\$3 angled)) near3 (end face) with fiber) and (S2 same S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 10:43
S8	361	((part portion section) near1 core) near5 (inclin\$3 tilt\$3 angled))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 10:44

## EAST Search History

S9	231	((part portion section) near1 core) near3 (inclin\$3 tilt\$3 angled))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 11:17
S10	14	S9 and (S2 same S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 10:44
S11	727	((fiber waveguide) near7 (end face) near7 (inclin\$3 tilt\$3 angled angling) with reflect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 13:51
S12	72	((fiber waveguide) near7 (end face) near7 (inclin\$3 tilt\$3 angled angling) with reflect\$3 with core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 11:31
S13	1	maxim\$2 near3 diffus\$3 near3 (range breadth dimension extent sweep width) with S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 20:28
S14	12	maxim\$2 with diffus\$3 with (range breadth dimension extent sweep width) with S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 11:35
S15	81	maxim\$2 with diffus\$3 with (range breadth dimension extent sweep width) with S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 11:35
S16	126	maxim\$2 near3 (diffus\$3 emit\$4) near3 (range breadth dimension extent sweep width) with S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:15

## EAST Search History

S17	3	maxim\$2 near3 (diffus\$3 emit\$4 spread\$3) near3 (range breadth dimension extent sweep width) with S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 11:41
S18	1544	S2 with S3 with (outside indirectly away) with reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:16
S19	316341	(two adj1 way) (bidirection\$2) ((bi two) adj1 direction\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 11:43
S20	93	S18 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 11:43
S21	0	S2 with S3 with (outside indirectly away) with ("not" adj1 saturated) same reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:18
S22	0	S2 and S3 with "not saturated"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:17
S23	0	S2 same S3 with "not saturated"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:17
S24	0	S3 with "not saturated"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:17

## EAST Search History

S25	0	"not saturated"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:17
S26	0	S2 with S3 with (outside indirectly away) with (saturated) same reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:18
S27	1	S2 with S3 with (outside indirectly away) with (saturat\$4) same reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:19
S28	4	S2 with S3 with (outside indirectly away) with (saturat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:21
S29	734	S2 with S3 with (saturat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:23
S30	112	S2 with S3 with (saturat\$4 near3 (prevent\$3 keep\$3 kept))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:24
S31	7	S30 with (range width breadth extend)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 12:25
S32	1994	(diffus\$3 emit\$4) near1 (range breadth dimension extent sweep width) with S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:20

## EAST Search History

S33	0	(diffus\$3 emit\$4) near1 (range breadth dimension extent sweep width) with S2 with S3 with saturat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:22
S34	0	(diffus\$3 emit\$4) near1 (range breadth dimension extent sweep width) with S2 with (S3 near3 (outside away))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:23
S35	52	(diffus\$3 emit\$4) near1 (range breadth dimension extent sweep width) with S2 with ((outside away))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:27
S36	1	10/765752	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:37
S37	287	((optic\$2 near1 fiber) waveguid\$3 ((wave optic\$2 light) adj1 guid\$3)) near2 end near7 cut\$4 same reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:12
S38	4059	fiber\$1 near7 reflect\$3 same S2 same S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:35
S39	43	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:36
S40	3251	(surface adj1 emitt\$3) with semiconductor with laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:01

## EAST Search History

S41	870	(surface adj1 emitt\$3) adj1 semiconductor adj1 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 22:14
S42	147	S41 and S1 and S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:34
S43	3936	385/14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 16:17
S44	1310	385/18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 16:17
S45	306	385/38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 16:20
S46	134	((vertical adj1 cavity) prism) adj2 ((surface adj1 emitt\$3) adj1 semiconductor adj1 laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:45
S47	30	S46 and S1 and S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:59
S48	8	385/18.ccls. and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 16:17

## EAST Search History

S49	15	385/14.ccls. and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 16:17
S50	0	(optic\$2 near1 fiber) and (light adj1 emitt\$3) and (photo adj1 (recept\$3 receiv\$3 detect\$3)) and (end face) and (inclin\$3 tilt\$3 angl\$3) and reflect\$3 and (diffus\$3 adj1 range).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 16:22
S51	1	(optic\$2 near1 fiber) and (light adj1 emitt\$3) and ((photo light optic\$2) adj1 (recept\$3 receiv\$3 detect\$3)) and (end face) and (inclin\$3 tilt\$3 angl\$3) and reflect\$3 and (diffus\$3 adj1 range).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 16:23
S52	418	(fiber waveguid\$3 ((wave optic\$2 light) adj1 guid\$3)) near2 end near7 cut\$4 same reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:14
S53	3251	(surface adj1 emitt\$3) with semiconductor with laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:15
S54	12	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:13
S55	465395	photodetect\$3 ((light optic\$2 photo) near1 (detect\$3 receiv\$3 recept\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:20
S56	342930	(optic\$2 near1 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:20



## EAST Search History

S57	2355988	((emitt\$3 source) near1 (optic\$2 light)) laser lasing LED\$1 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:20
S58	65542	S56 and S57 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:21
S59	8879	S58 and (end face) with (slant\$3 tilt\$3 inclin\$3 angl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:23
S60	2683	S58 and (end face) with (slant\$3 tilt\$3 inclin\$3 angl\$3) with reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 17:23
S61	56	((surface adj1 emitt\$3) adj1 semiconductor adj1 laser) same advantage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 22:18
S62	41	((surface adj1 emitt\$3) adj1 semiconductor adj1 laser) with advantage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 22:15
S63	342930	(optic\$2 near1 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 22:18
S64	2355988	((emitt\$3 source) near1 (optic\$2 light)) laser lasing LED\$1 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 22:18

## EAST Search History

S65	465395	photodetect\$3 ((light optic\$2 photo) near1 (detect\$3 receiv\$3 recept\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 22:18
S66	63	((surface adj1 emitt\$3) adj1 semiconductor adj1 laser) and S63 same S64 same S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 22:38
S67	27	(optical adj1 source) with photoreceptor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 22:38
S68	27	(optical adj1 detector) with photoreceptor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 22:38
S69	358841	(optic\$2 near1 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 09:16
S70	4837	S69 and (fiber near7 ((inclin\$4 tilt\$4 angl\$4) near3 (surface face end endface)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 09:18
S71	43270	((mirror reflect\$4) with ((inclin\$4 tilt\$4 angl\$4) near3 (surface face end endface)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 09:18
S72	1781	S70 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 09:23

## EAST Search History

S73	511513	(photodetect\$3 photoreceptor ((photo light) adj2 (receiv\$3 detect\$3)) photodiode (photo adj1 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 09:23
S74	2271388	(laser LED (optic\$2 light illumina\$4) near3 (source emit\$4 transmit\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 09:23
S75	819	S72 and (S73 same S74)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 09:47
S76	13	S75 and (diffus\$4 near4 (range distance spac\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:20
S77	323	maximum near5 (diffus\$4 near4 (range distance spac\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 11:03
S78	42	maximum adj1 diffus\$4 adj1 (distance spacing range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 11:02
S79	43	maxim\$2 adj1 diffus\$4 adj1 (distance spacing range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 11:03
S80	88	(S73 with S74) with (diffus\$4 near4 (range distance spac\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 11:04

## EAST Search History

S81	32	(US-20040202428-\$ or US-20010043387-\$ or US-20030012504-\$ or US-20020172459-\$ or US-20050123016-\$ or US-20040184500-\$ or US-20030010905-\$ or US-20040240794-\$).did. or (US-5037171-\$ or US-5537499-\$ or US-6603498-\$ or US-6059117-\$ or US-6526820-\$ or US-6910810-\$ or US-6530698-\$ or US-5164588-\$ or US-4421384-\$ or US-6782032-\$ or US-6704334-\$ or US-6359852-\$ or US-6205274-\$ or US-5999670-\$ or US-6585424-\$ or US-6798947-\$ or US-5781331-\$ or US-4540237-\$ or US-6869229-\$ or US-6522487-\$). did. or (JP-07067884-\$ or JP-2002277691-\$ or JP-2001052368-\$).did. or (EP-419699-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/07/07 11:08
S82	0	S81 and (diffus\$4 near2 (range area))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:10
S83	83	(diffus\$4 near2 (range area)) with interfer\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:14
S84	2367273	(laser LED (optic\$2 light illumina\$4) near3 (source emit\$4 transmit\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:14
S85	533774	(photodetect\$3 photoreceptor ((photo light) adj2 (receiv\$3 detect\$3)) photodiode (photo adj1 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:14
S86	3815	(diffus\$4) near7 interfer\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:15

## EAST Search History

S87	4471	(S84 with S85 with interfer\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:15
S88	3895	(diffus\$4) near7 interfer\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:16
S89	19	S87 same S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:16
S90	376133	(optic\$2 near1 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:20
S91	5056	S90 and (fiber near7 ((inclin\$4 tilt\$4 angl\$4) near3 (surface face end endface)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:20
S92	45398	((mirror reflect\$4) with ((inclin\$4 tilt\$4 angl\$4) near3 (surface face end endface)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:20
S93	1894	S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:20
S94	533774	(photodetect\$3 photoreceptor ((photo light) adj2 (receiv\$3 detect\$3)) photodiode (photo adj1 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:20

## EAST Search History

S95	2367273	(laser LED (optic\$2 light illumina\$4) near3 (source emit\$4 transmit\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:20
S96	888	S93 and (S94 same S95)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:20
S97	82	S96 and (diffus\$4 near4 (zone area))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:24
S98	4	maximum adj diffus\$3 adj range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 12:17
S99	2375331	(laser LED (optic\$2 light illumina\$4) near3 (source emit\$4 transmit\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 12:44
S100	535570	(photodetect\$3 photoreceptor ((photo light) adj2 (receiv\$3 detect\$3)) photodiode (photo adj1 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 12:44
S101	771	(S99 near3 S100) near3 (crosstalk\$4 (cross adj1 talk\$4) interfer\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 16:03
S102	2	("6264377"   "6545296").PN. OR ("6904209").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 13:18
S103	0	S101 and S102	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 13:18

## EAST Search History

S10 4	2	S102 and (crosstalk\$4 (cross adj1 talk\$4) interfer\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 13:19
S10 5	2	"6865143".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 13:28
S10 6	32	(S99 near3 S100) near3 (crosstalk\$4 (cross adj1 talk\$4) interfer\$5) with (diffus\$4 scatter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:31
S10 7	2375331	(laser LED (optic\$2 light illumina\$4) near3 (source emit\$4 transmit\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 16:03
S10 8	535570	(photodetect\$3 photoreceptor ((photo light) adj2 (receiv\$3 detect\$3)) photodiode (photo adj1 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 16:03
S10 9	81	(S107 near3 S108) near3 ((crosstalk\$4 (cross adj1 talk\$4) interfer\$5) near3 (prevent\$4 eliminat\$4 remov\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 16:06
S11 0	20	("4173390"   "4346961"   "4684209"   "5305401"   "5666448"   "5757994").PN. OR ("5999670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/21 13:00
S11 1	80	((fiber waveguide) near7 (end face) near7 (inclin\$3 tilt\$3 angled angling) with reflect\$3 with core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 13:15

## EAST Search History

S11 2	3599	((fiber waveguide) near7 (end face) near7 (inclin\$3 tilt\$3 angled angling))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:43
S11 3	2550348	((emitt\$3 source) near1 (optic\$2 light)) laser lasing LED\$1 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 13:52
S11 4	495764	photodetector ((light optic\$2 photo) near1 (detect\$3 receiv\$3 recept\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 13:52
S11 5	187	S113 same S114 same S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 14:36
S11 6	2	09/849074	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 14:36
S11 7	709	lawrence.in. and brian.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 14:37
S11 8	14	lawrence.in. and brian.in. and mccallion.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 14:37
S11 9	2600926	((emitt\$3 source) near1 (optic\$2 light)) laser lasing LED\$1 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:56



## EAST Search History

S12 0	506628	photodetector ((light optic\$2 photo) near1 (detect\$3 receiv\$3 receipt\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:56
S12 1	264	((part portion section) near1 core) near3 (inclin\$3 tilt\$3 angled))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:56
S12 2	26	S121 and (S119 same S120)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:56
S12 3	2493	385/47,49.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:59
S12 4	5	S121 and S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:59
S12 5	1770	S119 with S120 with (outside indirectly away) with reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:00
S12 6	356593	(two adj1 way) (bidirection\$2) ((bi two) adj1 direction\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:00
S12 7	117	S125 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:00

## EAST Search History

S12 8	468	(fiber waveguid\$3 ((wave optic\$2 light) adj1 guid\$3)) near2 end near7 cut\$4 same reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:04
S12 9	4081	(surface adj1 emitt\$3) with semiconductor with laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:04
S13 0	13	S128 and S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:04
S13 1	3682	((fiber waveguide) near7 (end face) near7 (inclin\$3 tilt\$3 angled angling))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:08
S13 2	2600926	((emitt\$3 source) near1 (optic\$2 light)) laser lasing LED\$1 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:08
S13 3	506628	photodetector ((light optic\$2 photo) near1 (detect\$3 receiv\$3 recept\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:08
S13 4	198	S132 same S133 same S131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:13
S13 5	328	385/38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:13

## EAST Search History

S13 6	3	(fiber and emit\$3 and receiv\$4 and end and angl\$3 and reflect\$3 and diffusion and maximum).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:14
S13 7	328	385/38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:04
S13 8	13831	(fiber with end with (inclin\$3 tilt\$3 angl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:21
S13 9	81	S137 and S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 20:42
S14 0	934	385/47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:21
S14 1	23555	(fiber with (end face surface) with (inclin\$3 tilt\$3 angl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:21
S14 2	97	S137 and S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:22
S14 3	91	S142 not S140	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:22

## EAST Search History

S14 4	16	S142 not S139	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:27
S14 5	196	S140 and S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:27
S14 6	190	S145 not S142	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 12:28
S14 7	34	("4130343"   "4165496"   "4381882"   "4403273"   "4653844"   "4865417"   "4981334"   "5146516"   "5163113"   "5253312"   "5357103"   "5390271"   "5499309"   "5533158"   "5724464"   "5734765").PN. OR ("6205274"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/30 14:57
S14 8	2	"5552918".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 20:43
S14 9	2	"4540237".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:07
S15 0	2548087	(laser LED (optic\$2 light illumina\$4) near3 (source emit\$4 transmit\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:07
S15 1	573899	(photodetect\$3 photoreceptor ((photo light) adj2 (receiv\$3 detect\$3)) photodiode (photo adj1 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:09

## EAST Search History

S15 2	17	S150 near3 outside near3 S151 near5 (range extend)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:10
S15 3	3888	((fiber waveguide) near7 (end face) near7 (inclin\$3 tilt\$3 angled angling))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:43
S15 4	216	S150 same S151 same S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:44
S15 5	2	"5163113".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:38
S15 6	1	S155 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:38
S15 7	557598	photodetector ((light optic\$2 photo) near1 (detect\$3 receiv\$3 recept\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 20:31
S15 8	0	((outside beyond external) adj3 (angle range breadth dimension extent sweep width)) near7 S157 with (crosstalk\$3 (cross adj1 talk\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 20:31
S15 9	80	((outside beyond external) adj3 (angle range breadth dimension extent sweep width)) with (crosstalk\$3 (cross adj1 talk\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 20:32